


# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference JOO/lek	<b>FOR FURTHER ACTION</b> See Form PCT/PEAA16	
International application No. PCTNO 03/00224	International filing date (day/month/year) 30.06.2003	Priority date (day/month/year) 28.06.2002
International Patent Classification (IPC) or national classification and IPC G08B17/00		
Applicant STS STILLASSERVICE AS et al.		
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 4 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> sent to the applicant and to the International Bureau) a total of sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>		
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>		
Date of submission of the demand  23.01.2004	Date of completion of this report  26.11.2004	
Name and mailing address of the International preliminary examining authority:   European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized Officer  Faoro, G  Telephone No. +49 89 2399-2650	



**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/NO 03/00224

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**Box No. I Basis of the report**

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1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

**Description, Pages**

1-9 as published

**Claims, Numbers**

1-10 as published

**Drawings, Sheets**

1/2-2/2 as published

- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	1-10
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	1-10
Industrial applicability (IA)	Yes: Claims	1-10
	No: Claims	

**2. Citations and explanations (Rule 70.7):**

**see separate sheet**

**To Section V**

1) The invention relates to a device for a security system of a potentially dangerous installation (e.g. presence of gases) in connection with an habitat isolated from the surroundings by air overpressure and where dangerous conditions may occur (sparks, heat generation etc.) causing hazard situations in the installation.

The solution proposed consists in the provision in or adjacent the habitat of a number of detectors monitoring parameters (e.g. temperature, gases, pressure) inherent to the security of the installation and a shut-down central causing the shut-down of the equipment inside the habitat if dangerous values of those parameters are measured by said sensors.

2) Nearest prior art document WO 0139222 (D1), cited in the ISR, discloses an emergency gas and electricity shut off apparatus and a control system triggered by a suitable sensor during an emergency situation such as seismic events or fires to shut off the gas or electricity supply so as prevent dangerous situations in the protected "habitat" such as a house.

The essential features of present claim 1 of monitoring the sensitive parameters concerning the security of an installation and shutting off the operation of potentially dangerous equipment is therefore generally well known to the skilled man, who will have no difficulty in the choice and positioning of the potentially dangerous parameter sensors to be monitored in function of the "habitat" to be protected and the potential danger involved. The particular type of habitat "isolated from the surroundings" referred to in the application and in the claim is not deemed to require a particular inventive effort for the skilled man to account for his peculiarity, as the choice of the parameters inherent to it are obvious.

The subject-matter of claim 1 therefore does not satisfy the criterion set forth in Art. 33(3) PCT as not inventive with respect to D1.

3) The additional features of the dependent claims do not appear to disclose subject-matter of inventive significance as the proposed features are obvious and logical to the person skilled in the art, especially as the advantages thus achieved can readily be foreseen as a function of installation to be protected and of the dangers involved. Consequently, the subject-matter of claims 2 to 10 also lacks an inventive step.